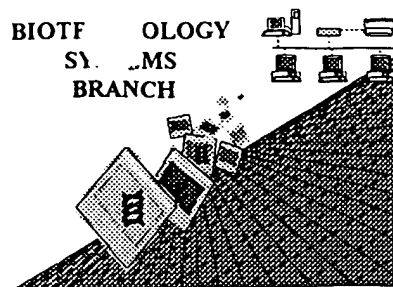


RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/766,173

Source: 1645

Date Processed by STIC: 5-29-01

RECEIVED

JUN 27 2001

TECH CENTER 1600/2900

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

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1645

RAW SEQUENCE LISTING

DATE: 05/29/2001

PATENT APPLICATION: US/09/766,173

TIME: 12:52:47

Input Set : A:\UOREGON Carroll (09 766,173) Sequence Listing.txt

Output Set: C:\CRF3\05292001\I766173.raw

Does Not Comply
Corrected Diskette Needed

4 <110> APPLICANT: Carroll, George C.
 6 <120> TITLE OF INVENTION: Materials and Methods For Detection of
 7 Pathogenic Guignardia Citricarpa
 9 <130> FILE REFERENCE: Oregon 99-09
 11 <140> CURRENT APPLICATION NUMBER: 09/766,173
 12 <141> CURRENT FILING DATE: 2001-01-19
 14 <150> PRIOR APPLICATION NUMBER: PCT/US01/01735
 15 <151> PRIOR FILING DATE: 2001-01-19
 17 <150> PRIOR APPLICATION NUMBER: 60/177,013
 18 <151> PRIOR FILING DATE: 2000-01-19
 20 <160> NUMBER OF SEQ ID NOS: 13
 22 <170> SOFTWARE: FastSEQ for Windows Version 3.0

ERRORED SEQUENCES

Valid <212> responses:

65 <210> SEQ ID NO: 4
 66 <211> LENGTH: 641
 E--> 67 <212> TYPE: ADNA
 68 <213> ORGANISM: Guignardia Citricarpa
 70 <400> SEQUENCE: 4

71	tttccgtagg	tgaacctgcg	gaaggatcat	tactgaaata	cgtaatcctg	aaaggatgatg	60
72	gaagggaggc	cttaaaaaag	cgccccgacc	taccttcaca	cccttggtga	tctaccatgt	120
73	tgctttggcg	ggccgacccg	gttttgaccc	ggcggtcgcg	cgccccagc	ctagtctcta	180
74	ggccaggacg	cctggctaag	tgcccgccag	tatacaaaac	tccagcgatt	attctgtgta	240
75	gtcctgagaa	ttcatttaat	gaaataaaac	tttcaacaac	ggatctcttg	gttctggcat	300
76	cgatgaagaa	cgcagcgaaa	tgcgataaag	aatgtgaatt	gcagaattca	gtgaatcatc	360
77	gaatctttga	acgcacattg	cgccccctgg	cattccgggg	ggcatgcctg	ttcgagcgtc	420
78	atttcaaccc	tcaagctctg	cttgggtattg	ggcgacgtcc	gctgccggac	gcgcctggaa	480
79	gacctcggcg	acggcgcttc	agcctcgagc	gtagtagtaa	aatatctcgc	tttggaggag	540
80	gggggcgctg	gcgcggcgac	aatcgacctt	cggtcactat	ttttccaagg	ttgacctcgg	600
81	atcaggtagg	gatacccgct	gaacttaagc	atatcaataa	g		641

84 <210> SEQ ID NO: 5
 85 <211> LENGTH: 618
 E--> 86 <212> TYPE: ADNA
 87 <213> ORGANISM: Guignardia Citricarpa
 89 <400> SEQUENCE: 5

90	ttccgtaggt	gaacctgcgg	aaggatcatt	actgaaatgt	aataacttct	attgaaagggt	60
91	tccagagtag	gcgctacaac	gccgaaatga	ccttctcacc	cttgtgtact	cactatgttg	120
92	ctttggcggg	tcgacctggg	tccgacccag	gcggccggcg	ccccagcct	taactggcca	180
93	ggacgcccgg	ctaagtgcgc	gccagtatac	aaaactcaag	aattcatttt	gtgaagtcc	240
94	gatatatcat	ttaattgatt	aaaactttca	acaacggatc	tcttggttct	ggcatctgtg	300
95	aagaacgcag	cgaaatgcga	taagtaatgt	gaattgcaga	attcagtgaa	tcacggaatc	360
96	tttgaacgca	cattgcgccc	tctggtattc	cggagggcag	gcctgttcga	gcgtcatttc	420
97	aaccctcaag	ctctgcttgg	tattgggcaa	cgtccgctgc	cggacgtgcc	ttgaagacct	480
98	cggcgacggc	gtcctagcct	cgagcgtagt	agtaaaatat	ctcgctttgg	agtgtctggc	540
99	gacggccgcc	ggacaatcga	ccttcggtct	atttttccaa	ggttgacctc	ggatcaggta	600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/766,173

DATE: 05/29/2001

TIME: 12:52:47

Input Set : A:\UOREGON Carroll (09 766,173) Sequence Listing.txt

Output Set: C:\CRF3\05292001\I766173.raw

100 gggatacccg ctgaactt

618

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/766,173

DATE: 05/29/2001

TIME: 12:52:48

Input Set : A:\UOREGON Carroll (09 766,173) Sequence Listing.txt

Output Set: C:\CRF3\05292001\I766173.raw

L:67 M:310 E: (3) Wrong or Missing Sequence Type, TYPE:

L:86 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: